Veronique E Miron

List of Publications by Year
in descending order

47 papers	5,300 citations	186265 28 h-index	243625 44 g-index
54 all docs	54 docs citations	54 times ranked	6376 citing authors

#	Article	IF	Citations
1	Monocytes in central nervous system remyelination. Glia, 2022, 70, 797-807.	4.9	5
2	Impact of anti-PDGFRÎ± antibody surface functionalization on LNC uptake by oligodendrocyte progenitor cells. International Journal of Pharmaceutics, 2022, 618, 121623.	5.2	6
3	Microglia as therapeutic targets for central nervous system remyelination. Current Opinion in Pharmacology, 2022, 63, 102188.	3.5	10
4	White matter microglia heterogeneity in the CNS. Acta Neuropathologica, 2022, 143, 125-141.	7.7	48
5	Microglial inflammasome activation drives developmental white matter injury. Glia, 2021, 69, 1268-1280.	4.9	15
6	Replenishing our mind orchards: Enhancing myelin renewal to rescue cognition in Alzheimerâ€™s disease. Neuron, 2021, 109, 2204-2206.	8.1	4
7	Special Issue â€œMicroglia Heterogeneity and Its Relevance for Translational Researchâ€• International Journal of Molecular Sciences, 2021, 22, 12350.	4.1	0
8	DNA Methylation and Protein Markers of Chronic Inflammation and Their Associations With Brain and Cognitive Aging. Neurology, 2021, 97, e2340-e2352.	1.1	44
9	Microglia in developing white matter and perinatal brain injury. Neuroscience Letters, 2020, 714, 134539.	2.1	25
10	Retinoic acid-loaded NFL-lipid nanocapsules promote oligodendrogenesis in focal white matter lesion. Biomaterials, 2020, 230, 119653.	11.4	22
11	Investigating Microglia in Health and Disease: Challenges and Opportunities. Trends in Immunology, 2020, 41, 785-793.	6.8	35
12	Deletion of a Csf1r enhancer selectively impacts CSF1R expression and development of tissue macrophage populations. Nature Communications, 2019, 10, 3215.	12.8	191
13	The pro-remyelination properties of microglia in the central nervous system. Nature Reviews Neurology, 2019, 15, 447-458.	10.1	230
14	Astrocytes in myelination and remyelination. Neuroscience Letters, 2019, 713, 134532.	2.1	56
15	Decreased microglial Wnt/Î²-catenin signalling drives microglial pro-inflammatory activation in the developing brain. Brain, 2019, 142, 3806-3833.	7.6	97
16	Central nervous system regeneration is driven by microglia necroptosis and repopulation. Nature Neuroscience, 2019, 22, 1046-1052.	14.8	215
17	Isolation and Preparation of Cells from Focal Remyelinating Central Nervous System Lesions for RNA Sequencing. Methods in Molecular Biology, 2019, 1936, 23-36.	0.9	0
18	Activin receptors regulate the oligodendrocyte lineage in health and disease. Acta Neuropathologica, 2018, 135, 887-906.	7.7	48

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19	Stem cells from human apical papilla decrease neuro-inflammation and stimulate oligodendrocyte progenitor differentiation via activin-A secretion. Cellular and Molecular Life Sciences, 2018, 75, 2843-2856.	5.4	34
20	Distinct origins, gene expression and function of microglia and monocyte-derived macrophages in CNS myelin injury and regeneration. Clinical Immunology, 2018, 189, 57-62.	3.2	17
21	The Cerebrospinal Fluid Inflammatory Response to Preterm Birth. Frontiers in Physiology, 2018, 9, 1299.	2.8	19
22	Microglia-driven regulation of oligodendrocyte lineage cells, myelination, and remyelination. Journal of Leukocyte Biology, 2017, 101, 1103-1108.	3.3	91
23	Beyond immunomodulation: The regenerative role for regulatory T cells in central nervous system remyelination. Journal of Cell Communication and Signaling, 2017, 11, 191-192.	3.4	10
24	Microglia: origins, homeostasis, and roles in myelin repair. Current Opinion in Neurobiology, 2017, 47, 113-120.	4.2	60
25	Cellular and Molecular Mechanisms Underpinning Macrophage Activation during Remyelination. Frontiers in Cell and Developmental Biology, 2016, 4, 60.	3.7	23
26	Macrophages and CNS remyelination. Journal of Neurochemistry, 2014, 130, 165-171.	3.9	160
27	Oligodendrocyte Progenitor Cell Susceptibility to Injury in Multiple Sclerosis. American Journal of Pathology, 2013, 183, 516-525.	3.8	61
28	M2 microglia and macrophages drive oligodendrocyte differentiation during CNS remyelination. Nature Neuroscience, 2013, 16, 1211-1218.	14.8	1,357
29	Unconjugated Bilirubin Restricts Oligodendrocyte Differentiation and Axonal Myelination. Molecular Neurobiology, 2013, 47, 632-644.	4.0	35
30	Effects of Current Medical Therapies on Reparative and Neuroprotective Functions in Multiple Sclerosis. , 2013, , 203-231.		0
31	Dissecting the damaging versus regenerative roles of CNS macrophages: implications for the use of immunomodulatory therapeutics. Regenerative Medicine, 2013, 8, 673-676.	1.7	6
32	Identification of endothelin 2 as an inflammatory factor that promotes central nervous system remyelination. Brain, 2013, 136, 1035-1047.	7.6	74
33	Assessment of Sphingosine-1-Phosphate Receptor Expression and Associated Intracellular Signaling Cascades in Primary Cells of the Human Central Nervous System. Methods in Molecular Biology, 2012, 874, 141-154.	0.9	2
34	Neurobiological effects of sphingosine 1â€phosphate receptor modulation in the cuprizone model. FASEB Journal, 2011, 25, 1509-1518.	0.5	99
35	Cells of the oligodendroglial lineage, myelination, and remyelination. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 184-193.	3.8	211
36	The neurobiology of sphingosine 1-phosphate signaling and sphingosine 1-phosphate receptor modulators. Neurology, 2011, 76, S9-14.	1.1	92

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37	Response of Human Oligodendrocyte Progenitors to Growth Factors and Axon Signals. Journal of Neuropathology and Experimental Neurology, 2010, 69, 930-944.	1.7	43
38	Fingolimod (FTY720) Enhances Remyelination Following Demyelination of Organotypic Cerebellar Slices. American Journal of Pathology, 2010, 176, 2682-2694.	3.8	254
39	Isolation and Culture of Primary Human CNS Neural Cells. Springer Protocols, 2009, , 87-104.	0.3	3
40	Statin Therapy Inhibits Remyelination in the Central Nervous System. American Journal of Pathology, 2009, 174, 1880-1890.	3.8	118
41	FTY720 modulates human oligodendrocyte progenitor process extension and survival. Annals of Neurology, 2008, 63, 61-71.	5.3	244
42	Central nervous system-directed effects of FTY720 (fingolimod). Journal of the Neurological Sciences, 2008, 274, 13-17.	0.6	158
43	Central nervous system effects of current and emerging multiple sclerosis-directed immuno-therapies. Clinical Neurology and Neurosurgery, 2008, 110, 951-957.	1.4	20
44	Cyclical and Dose-Dependent Responses of Adult Human Mature Oligodendrocytes to Fingolimod. American Journal of Pathology, 2008, 173, 1143-1152.	3.8	91
45	Differentiation block of oligodendroglial progenitor cells as a cause for remyelination failure in chronic multiple sclerosis. Brain, 2008, 131, 1749-1758.	7.6	705
46	Simvastatin regulates oligodendroglial process dynamics and survival. Glia, 2007, 55, 130-143.	4.9	84
47	Functional consequences of S1P receptor modulation in rat oligodendroglial lineage cells. Glia, 2007, 55, 1656-1667.	4.9	158